

Converting Colors

HunterLab(36.9817, 71.1629,
-36.8050)

Have a look what the booklet for
HunterLab(36.9817, 71.1629,
-36.8050) contains.

HunterLab(37.0420, 71.2704, -36.7989)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(37.0420, 71.2704,
-36.7989)**

Conversions

Conversions Part 1

Format	Color
Hex	BD00AA
RGB	189, 0, 170
RGB Percent	74%, 0%, 67%
CMY	0.2588, 0.9999, 0.3333
CMYK	0.00, 1.00, 0.10, 0.26
HSL	306°, 100%, 37%
HSV	306°, 100%, 74%
XYZ	28.2420, 13.7211, 39.1901
YIQ	75.8910, 58.0740, 92.9380

Conversions

Conversions Part 2

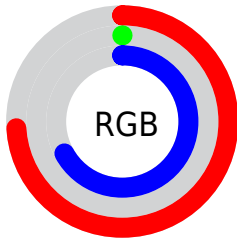
Format	Color
R_{YB}	189, 0, 170
Decimal	12386474
CIE _{Lab}	43.83, 75.76, -39.11
CIE _{LCh}	44, 85.256, 332.695
Yxy	13.7218, 0.3480, 0.1691
Android (android.graphics.Color)	4290576554 (0xFFBD00AA)
YUV	75.8910, 46.3957, 99.1966
Hunter-Lab	37.0420, 71.2704, -36.7989

Details

The HunterLab color $37.0420, 71.2704, -36.7989$ is a dark color, and the websafe version is hex $CC33CC$. A complement of this color would be $60.3679, -51.4862, 35.6908$, and the grayscale version is $26.6741, -1.4233, 1.4493$.

A 20% lighter version of the original color is $57.1053, 75.9988, -38.1856$, and $24.7177, 47.5258, -24.3060$ is the 20% darker color. If you saturate the color by 10%, you get $37.0420, 71.2702, -36.7970$, and if you desaturate by 10%, it is $37.7583, 69.3873, -36.7266$.

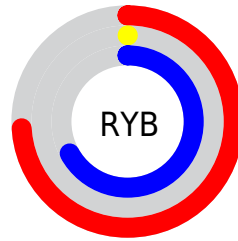
Distribution



Red (74%)

Green (0%)

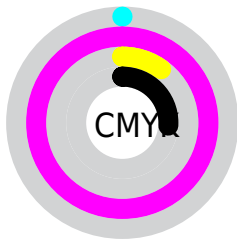
Blue (67%)



Red (74%)

Yellow (0%)

Blue (67%)

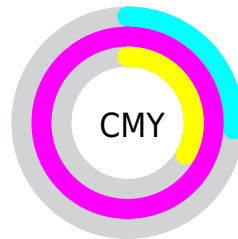


Cyan (0%)

Magenta (100%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (100%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0420, 71.2704, -36.7989 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 37.0420, 71.2704, -36.7989 by changing the saturation by 10% instead.

37.0420, 71.2704,
-36.7989

37.0420, 71.2704,
-36.7989

146.7968, 90.4864,
-41.8957

28.1557, 68.9635,
-36.3028

57.0916, 76.0435,
-38.0823

20.1210, 66.9869,
-36.1338

68.1482, 78.3669,
-38.7414

13.0413, 65.9763,
-36.8003

79.8386, 80.6108,
-39.3748

6.5126, 75.9604,
-44.2420

92.1302, 82.7662,
-39.9706

0.0000, INF, -NF

0.0000, NaN, NaN

104.9949, 84.8303,
-40.5228

0.0000, NaN, NaN

118.4082, 86.8036,

0.0000, NaN, NaN

-41.0282

132.3486, 88.6879,
-41.4859

■ 37.0420, 71.2704,
-36.7989

■ 37.0420, 71.2704,
-36.7989

■ 37.0420, 71.2702,
-36.7970

■ 37.7583, 69.3873,
-36.7266

■ 39.0414, 65.6147,
-35.4530

■ 41.0377, 59.7308,
-32.7862

■ 43.7434, 52.1565,
-28.9375

■ 47.1098, 43.4433,
-24.2206

■ 51.0659, 34.0989,
-18.9445

■ 55.5353, 24.5047,
-13.3555

■ 60.4454, 14.9067,
-7.6246

■ 65.7329, 5.4438,
-1.8582

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.0429, 38.0597, -90.6318



37.0420, 71.2704, -36.7989



37.0429, 83.1042, 4.6973

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.0429, 71.2679, -36.7971



37.0429, -4.8639, 25.9300



37.0429, -41.1922, -46.4370

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.0420, 71.2704, -36.7989



60.3679, -51.4862, 35.6908

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.0429, -45.9420, -0.8813



37.0420, 71.2704, -36.7989



37.0429, -29.9923, 25.5022

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.0429, 71.2679, -36.7971



37.0429, 31.1685, 25.9300



37.0429, -42.6864, 20.2065



37.0429, -26.4536, -98.8317

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.0420, 71.2704, -36.7989



37.0429, 74.8452, 18.3734



37.0429, -42.6864, 20.2065



37.0429, -43.7265, -28.9301

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.0429, 71.2679, -36.7971



74.0117, 33.4300, -18.2485



19.5254, 52.2472, -133.2479



33.1221, 18.0196, -9.9383



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.0429, 71.2679, -36.7971



49.5517, 95.3066, -48.9701



33.6689, 59.1887, 9.8652



31.1116, 2.2834, -0.7028



30.3947, 58.4972, -30.3234



6.0557, 11.7176, -6.5292

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.0429, 71.2679, -36.7971



49.5517, 95.3066, -48.9701



61.3166, -45.5827, 21.7610



31.1116, 2.2834, -0.7028



30.3947, 58.4972, -30.3234



6.0557, 11.7176, -6.5292

Previews

White Background



This preview shows how the HunterLab color 37.0420, 71.2704, -36.7989 looks on a white background.

Color Contrast Check

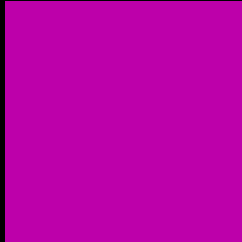
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 37.0420, 71.2704, -36.7989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

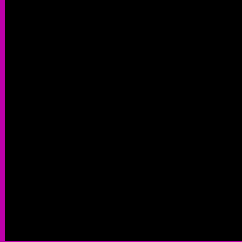
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 37.0420, 71.2704, -36.7989 Background



This preview shows how black text looks on a background with the HunterLab color 37.0420, 71.2704, -36.7989.



This preview shows how white text looks on a background with the HunterLab color 37.0420, 71.2704, -36.7989.

-36.7989.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.0420, 71.2704, -36.7989

Protanopia

38.0953, 14.2809, -78.4442

Deuteranopia

37.9349, 3.2077, -28.5484



Tritanopia

37.6464, 38.2744, 14.4792

Trichromacy



Original Color

37.0420, 71.2704, -36.7989



Protanomaly

30.3578, 33.7190, -87.4246



Deuteranomaly

32.6921, 32.6269, -42.9809



Tritanomaly

35.8561, 51.9812, 0.0035

Monochromacy



Original Color

37.0420, 71.2704, -36.7989



Achromatopsia

26.8834, -1.4344, 1.4606



Achromatomaly

26.4983, 29.1251, -16.1693

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0420, 71.2704, -36.7989 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(189, 0, 170)` looks like.

```
.text, #text, p{  
  color:rgb(189, 0, 170)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(189, 0, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 0, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0420, 71.2704, -36.7989 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 0, 170) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(189, 0, 170) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(189, 0, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 0, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 0, 170);  
box-shadow:4px 4px 4px 4px rgb(189, 0,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0420, 71.2704, -36.7989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 0, 170) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(189, 0,  
170) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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